

On page 8, after line 5, insert the following paragraphs and headings:

a² -- For a full understanding of the present invention, reference should now be made to the following detailed description of the preferred embodiments of the invention as illustrated in the accompanying drawings.

BRIEF DESCRIPTION OF THE DRAWINGS

Fig. 1 is a block diagram of a circuit for determining the temperature behavior of a diode.

Fig. 2 is a current vs. forward voltage characteristic of a diode.

Fig. 3 is an equivalent circuit for a diode.

Fig. 4 is a current vs. voltage diagram for a stabilized diode showing lines of constant light output

Fig. 5 is a current vs. voltage diagram for a diode subject to temperature effects, with lines of constant light output.

Fig. 6 is a current vs. voltage diagram for a diode showing the influence of a small parasitic series resistance.

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Fig. 7 is a current vs. voltage diagram for a diode showing the influence of a large parasitic series resistance.

Fig. 8 is a current vs. voltage diagram for a diode having a series resistor with a positive temperature coefficient.

Fig. 9 is a current vs. voltage diagram for a diode having a series resistor with a negative temperature coefficient.

Figs. 10 - 15 are circuit diagrams which illustrate specific applications of the method according to the present invention.

Fig. 16 is a diagram of light output power vs. time for a diode with different series resistance.

DESCRIPTION OF THE PREFERRED EMBODIMENT

The preferred embodiment of the present invention will now be described with reference to Figs. 1-16 of the drawings. --.

On page 32, line 14, delete "recommended" and insert -- present -- and after the last line, insert the following paragraph: